

PATENT
ATTORNEY DOCKET NO. 07678/116002

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **REDUCTION OF CONSTITUENTS IN TOBACCO**, the specification of which was filed as U.S. Patent Application Serial No. 10/623,005, filed on July 18, 2003.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with 37 C.F.R. § 1.56.

FOREIGN PRIORITY RIGHTS: I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or (f), or § 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Country	Serial Number	Filing Date	Priority Claimed?
			Yes/No

PROVISIONAL PRIORITY RIGHTS: I hereby claim priority benefits under 35 U.S.C. § 119(e) of any United States provisional patent application(s) listed below filed by an inventor or inventors on the same subject matter as the present application and having a filing date before that of the application(s) of which priority is claimed:

Serial Number	Filing Date	Status
60/397,060	July 18, 2002	Abandoned

NON-PROVISIONAL PRIORITY RIGHTS: I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status

I hereby appoint the attorneys and/or agents associated with customer number 21559 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

The undersigned also hereby appoints the following attorneys and/or agents from Profigen, Inc. to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: James K. Petell, Ph.D., Reg. No. 53,455, whose address is Profigen, Inc., 800 Harrison Street, Nashville, TN 37203.

Address all correspondence relating to this application to the address associated with customer number 21559, which is Clark & Elbing LLP, 101 Federal Street, Boston, MA 02110.

Address all telephone calls to: James D. DeCamp at 617-428-0200.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Val Krukonis	Lexington, MA U.S.A.	8 Muster Ct. Lexington, MA 02420 U.S.A.	U.S.A.
Signature: <i>Val Krukonis</i>			Date: <i>05/05/04</i>

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Hans Schonemann	Newburyport, MA U.S.A.	4 Coolidge Street Newburyport, MA 01950 U.S.A.	U.S.A.
Signature: <i>Hans Schonemann</i>			Date: <i>01/05/04</i>

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Anthony Gudinas	Atkinson, NH U.S.A.	110 Fieldstone Lane Atkinson, NH 03811 U.S.A.	U.S.A.
Signature: <i>Anthony Gudinas</i>			Date: <i>Nov 2004</i>

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Paula M. Wetmore	Chelmsford, MA U.S.A.	40 5 th Lane Chelmsford, MA 01824 U.S.A.	U.S.A.
Signature: <i>Paula M. Wetmore</i>			Date: <i>1/05/04</i>

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Kara Williams	Saugus, MA U.S.A.	16 Sussex Street Saugus, MA 01906 U.S.A.	U.S.A.
Signature: <i>Kara Williams</i>			Date: <i>1/12/04</i>

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Carl H. Midgett	Ashland City, TN U.S.A.	1453 Peter Pond Road Ashland City, TN 37015 U.S.A.	U.S.A.
Signature:			Date:

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Clifford Brown Bennett	Brentwood, TN U.S.A.	5523 Hillview Drive Brentwood, TN 37027 U.S.A.	U.S.A.
Signature:			Date:

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Harry Y. Zheng	Smyrna, TN U.S.A.	822 Woodhaven Dr. Smyrna, TN 37167 U.S.A.	China
Signature:			Date:

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Kathleen S. Johnston	Nashville, TN U.S.A.	2805 Westmoreland Dr Nashville, TN 37212 U.S.A.	U.S.A.
Signature:			Date:



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Serial Number	Filing Date	Status

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Paul T. Clark, Reg. No. 30,162; Karen L. Elbing, Ph.D., Reg. No. 35,238; Kristina Bieker-Brady, Ph.D., Reg. No. 39,109; Susan M. Michaud, Ph.D., Reg. No. 42,885; James D. DeCamp, Ph.D., Reg. No. 43,580; Jeffrey Ellison, Ph.D., Reg. No. 51,649; J. Cooper McDonald, Ph.D., Reg. No. 52,011; Jan Tittel, Ph.D., Reg. No. 52,290; Michael J. Belliveau, Ph.D., Reg. No. 52,608.

The undersigned also hereby appoints the following attorneys and/or agents from Profigen, Inc. to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: James K. Petell, Ph.D., Reg. No. 53,455, whose address is Profigen, Inc., 800 Harrison Street, Nashville, TN 37203.

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Address all correspondence to: James D. DeCamp at Clark & Elbing LLP, 101 Federal Street, Boston, MA 02110. **Customer No. 21559**

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Signature:			Date:


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Hans Schonemann	Newburyport, MA U.S.A.	4 Coolidge Street Newburyport, MA 01950 U.S.A.	U.S.A.
Signature:			Date:


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Anthony Gudinas	Atkinson, NH U.S.A.	110 Fieldstone Lane Atkinson, NH 03811 U.S.A.	U.S.A.
Signature:			Date:


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Paula M. Wetmore	Chelmsford, MA U.S.A.	40 5 th Lane Chelmsford, MA 01824 U.S.A.	U.S.A.
Signature:			Date:

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Kara Williams	Saugus, MA U.S.A.	16 Sussex Street Saugus, MA 01906 U.S.A.	U.S.A.
Signature:			Date:

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Carl H. Midgett	Ashland City, TN U.S.A.	1453 Peter Pond Road Ashland City, TN 37015 U.S.A.	U.S.A.
Signature: 			Date: 10-7-03

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
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Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Harry Y. Zheng	Smyrna, TN U.S.A.	822 Woodhaven Dr. Smyrna, TN 37167 U.S.A.	China
Signature: 			Date: 10/7/03

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Kathleen S. Johnston	Nashville, TN U.S.A.	2805 Westmoreland Dr Nashville, TN 37212 U.S.A.	U.S.A.
Signature: 			Date: 10/2/03